

The Dutch Slough Tidal Marsh Restoration Project



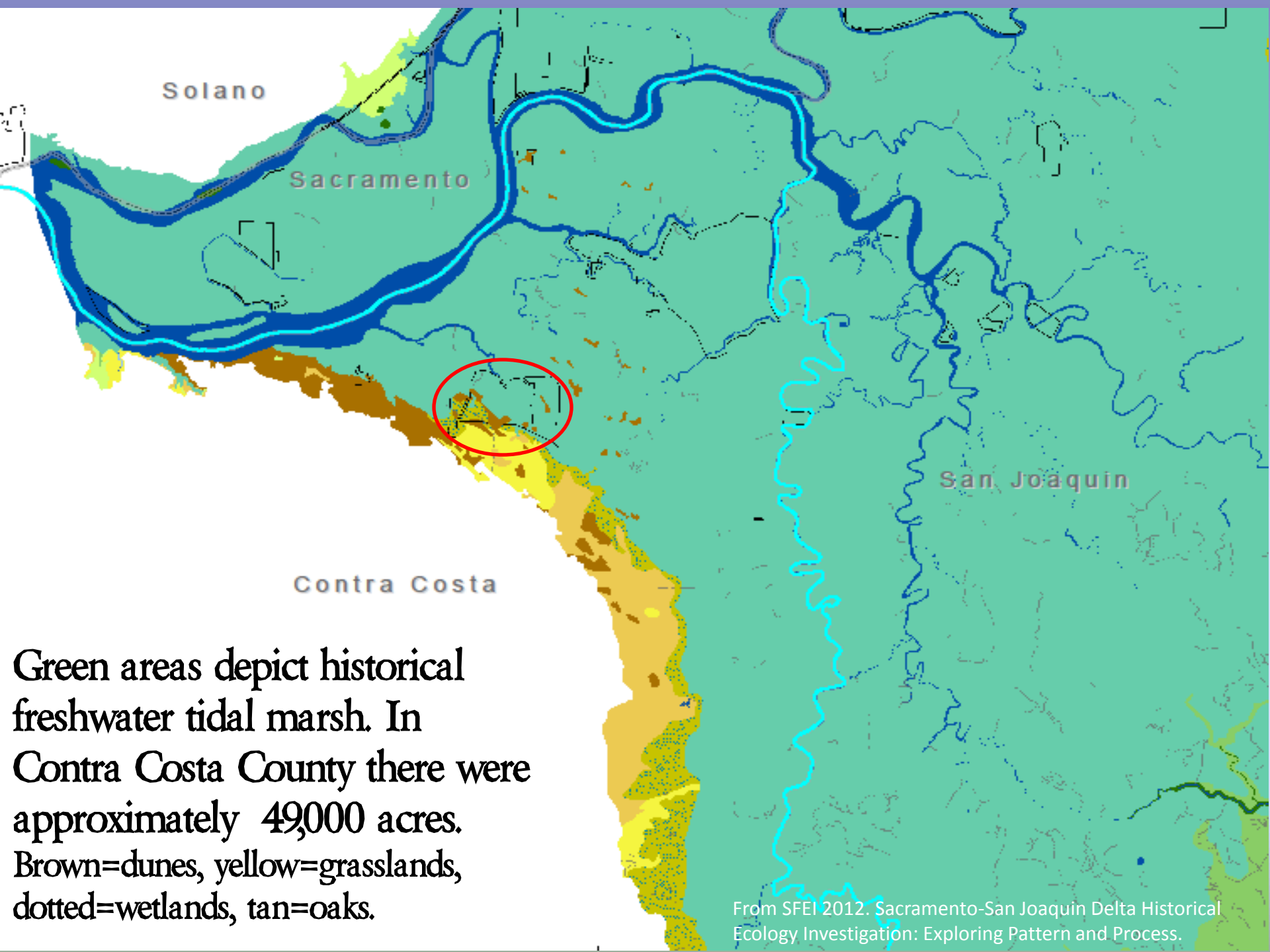


Big Break Regional Shoreline

Dutch Slough Project site

Google earth

Imagery Date: 9/1/2012 38°00'29.43" N 121°41'44.19" W elev 7 ft eye alt 20569 ft



Solano

Sacramento

San Joaquin

Contra Costa

Green areas depict historical freshwater tidal marsh. In Contra Costa County there were approximately 49,000 acres. Brown=dunes, yellow=grasslands, dotted=wetlands, tan=oaks.

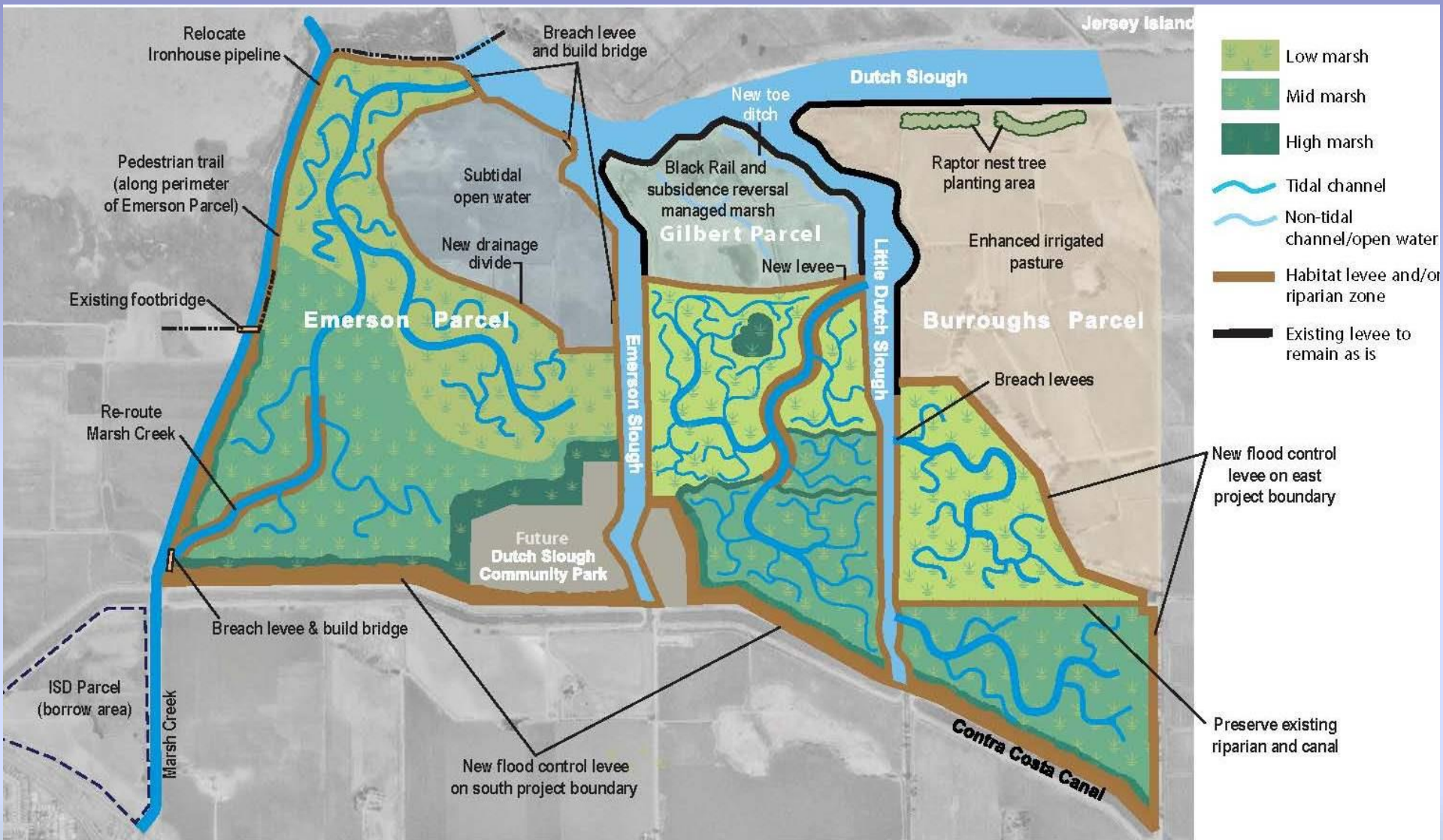
From SFEI 2012. Sacramento-San Joaquin Delta Historical Ecology Investigation: Exploring Pattern and Process.



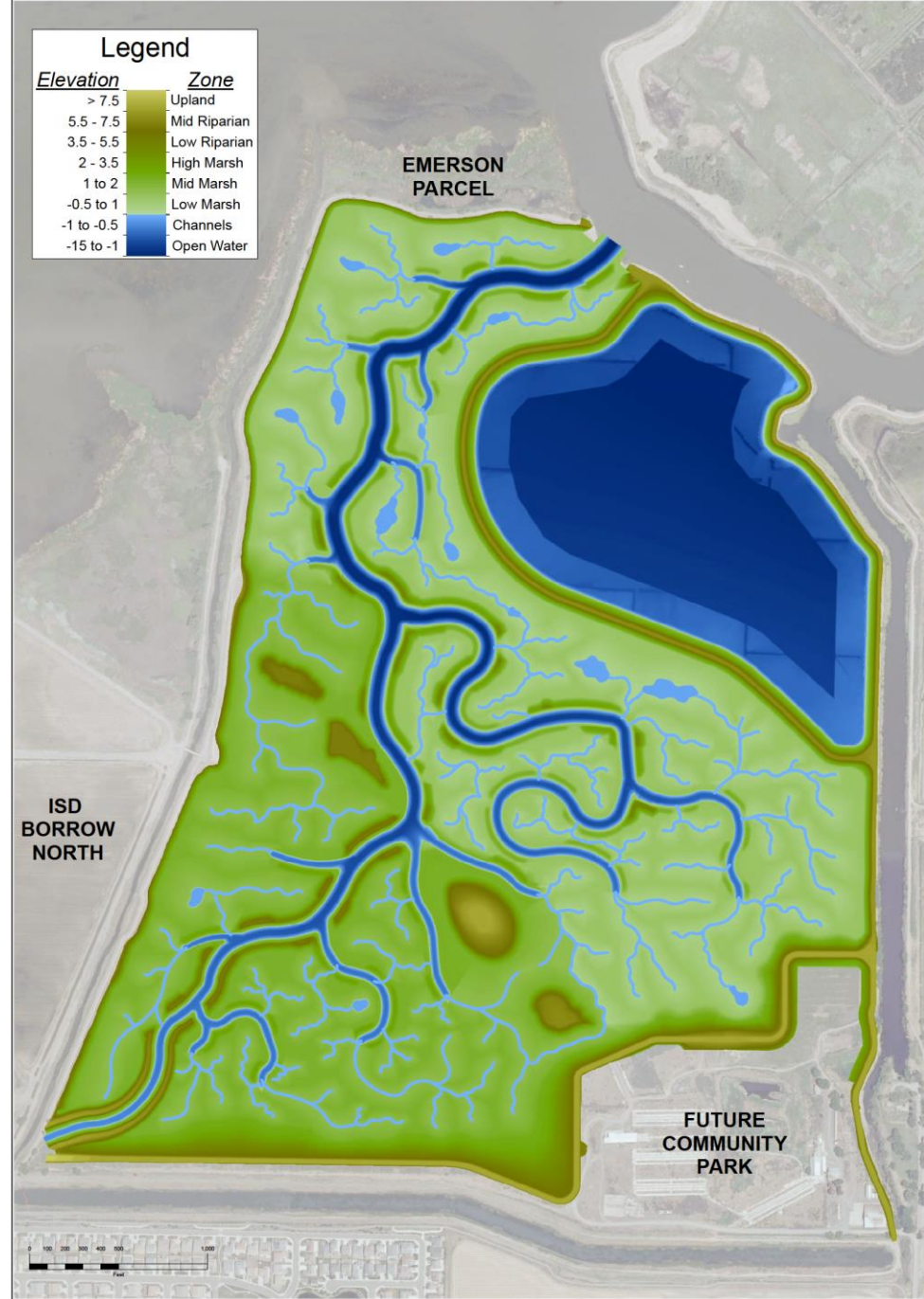


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Dutch Slough project conceptual design



Grading plan for Emerson parcel.
Material will be excavated from high elevation areas and used as fill material in lower elevation areas to create a gradually sloping marsh plain.
Marsh Creek will be routed onto the parcel to create a new, natural delta at the creek mouth.



Project updates

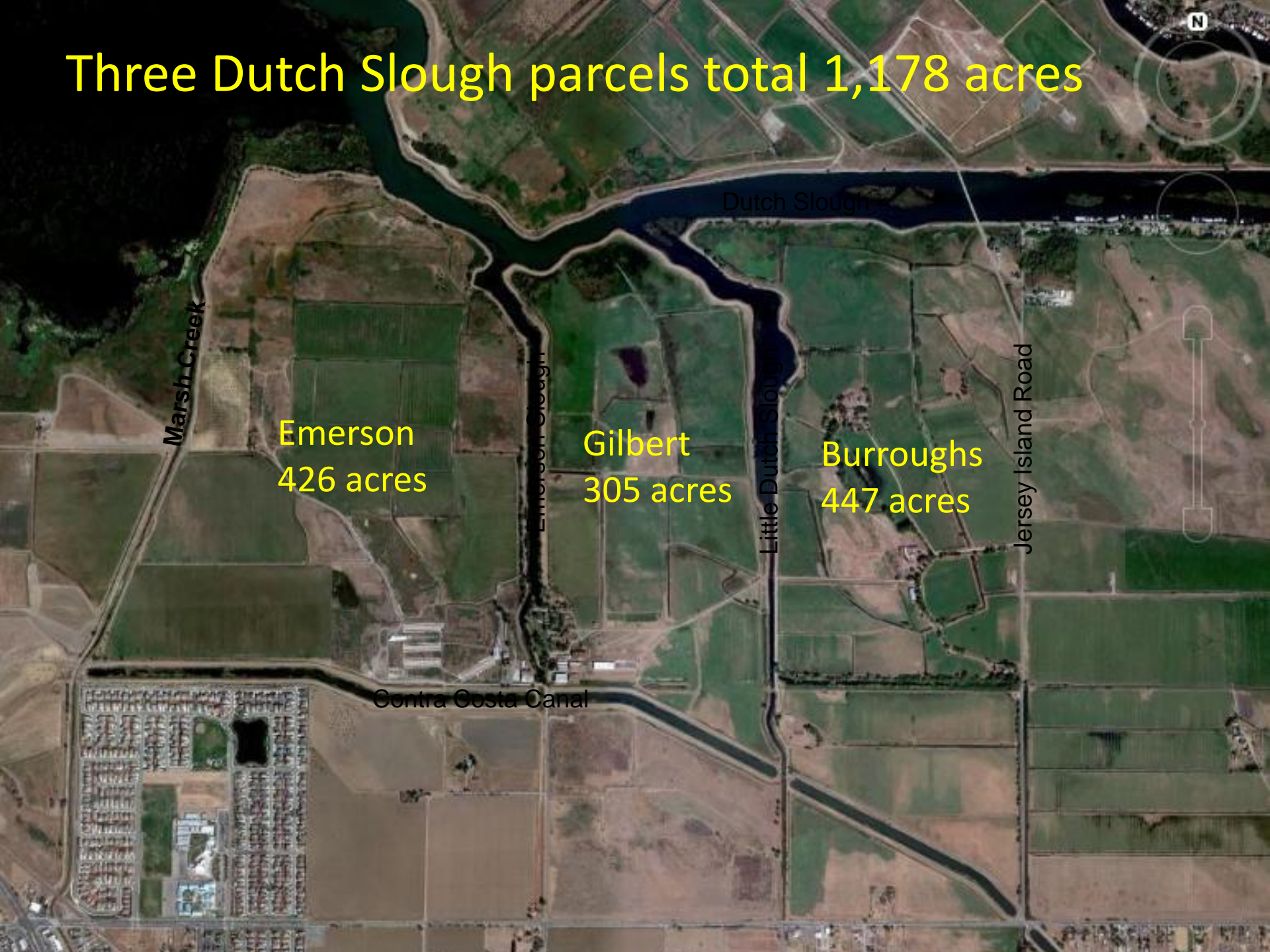
- Supplemental EIR
- Permitting
 - Cultural issues
- Tule nursery
- Preparation for starting construction within the next 12 months







Three Dutch Slough parcels total 1,178 acres



Emerson
426 acres

Gilbert
305 acres

Burroughs
447 acres

Contra Costa Canal

Dutch Slough

Marsh Creek

Emerson Slough

Little Dutch Slough

Jersey Island Road

